

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of  
Inventor(s): Mills

Group Art Unit: 2881

Appln. No.: 09/513,768

Examiner: Wells

Filing Date: 2/25/2000

Title: ION CYCLOTRON POWER CONVERTER  
AND RADIO MICROWAVE GENERATOR

September 29, 2004

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Attached are PTO/SB/O8B forms listing the enclosed documents. Copies of the enclosed documents are attached to this Information Disclosure Statement and/or to the Attachments to the Response filed herewith.

Please accept this Information Disclosure Statement under Rule 97(c) and charge any requisite fees to our Deposit Account No. 50-0687 under Order No. **62-226** for which purposes this paper is submitted in duplicate.

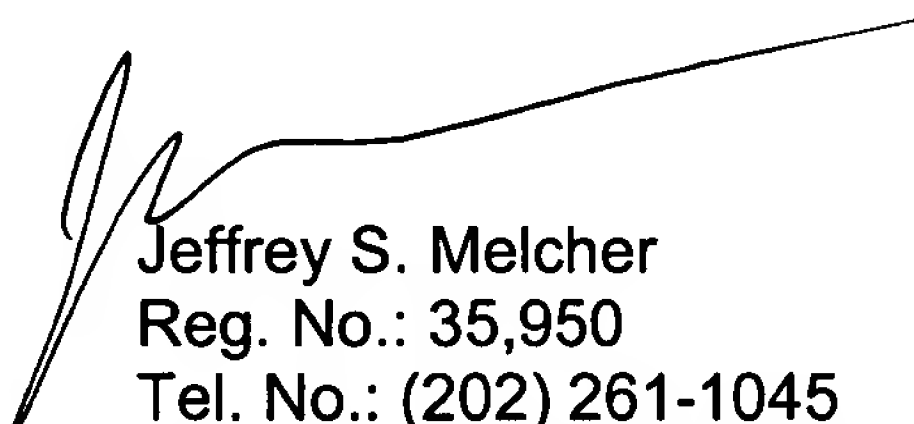
This information disclosure statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully. Consideration of the foregoing and enclosures plus the return of a copy of the herewith PTO/SB/08A and B forms with the

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Page 2 of 2

Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

Respectfully submitted,  
Manelli Denison & Selter PLLC

By



Jeffrey S. Melcher  
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Customer No. 20736



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|---|---|----|---|--------------------------|---------------|
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |               |
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| OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS |                  |   |                |
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| Examiner<br>Initials*                             | Cite<br>No.<br>1 | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                           | T <sup>2</sup> |
|   |                  | Letter from Shelby T. Brewer to The Honorable James E. Rogan, December 21, 2001 and PTO response from Jason C. Roe, April 24, 2002 (see Attachment A) ✓   |                |
|   |                  | PARK, "Patent Nonsense, Court Denies Blacklight Power Appeal", <i>What's New</i> , September 6, 2002, <a href="http://www.aps.org.WN/WN02/wn090602.html">www.aps.org.WN/WN02/wn090602.html</a> (see Attachment C) ✓   |                |
|   |                  | RANDI, "Houdini and the Rabbi, The Patent Office Again, A Perpetual Motion/Emotion Car Breaks Down...", <i>Swift</i> , September 20, 2002, <a href="http://www.randi.org/jr/092002.html">www.randi.org/jr/092002.html</a> (see Attachment C)  |                |
|   |                  | VOSS, "'New Physics' Finds a Haven At the Patent Office", <i>Science</i> , Vol. 284, pp. 1252-1254, May 21, 1999 (see Attachment D) ✓   |                |
|   |                  | PTO Memorandum For All Employees: Media Contact Policy from Acting Assistant Secretary of Commerce and Acting Commissioner of patents and Trademarks, June 22, 1999 ✓   |                |
|   |                  | Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger, February 28, 2000 (see Attachment G) ✓   |                |
|   |                  | Internet Discussion Forum, "Two Brand New Papers out at BLP's "What's New" page," message No. 7191 on Hydrino Study Group, ✓<br><a href="http://groups.yahoo.com/group/hyrino/message/7191">http://groups.yahoo.com/group/hyrino/message/7191</a> , September 27, 2003 (see Attachment H) |                |
|   |                  | Internet Discussion Forum, "Even Skeptics can lose Objectivity," message No. 7410 on Hydrino Study Group, <a href="http://groups.yahoo.com/group/hyrino/message/7410">http://groups.yahoo.com/group/hyrino/message/7410</a> , October 27, 2003 (see Attachment H) ✓                       |                |

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|   |                  | Internet Discussion Forum, "Two Competing Views of Reality Engage in a Battle for Total Control of Oour Physics Paradigm", <i>Hydrino Study Group</i> , <a href="http://www.hydrino.org">http://www.hydrino.org</a> (see Attachment H)  |                    |
|   |                  | Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, November 10, 2003 (see Attachment H)   |                    |
|   |                  | Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Peter Zimmerman and Tom Stolper, October 29, 2003 (see Attachment H) ✓  |                    |
|   |                  | Internet Discussion Forum, "Zimmerman's APS Centennial Meeting Talk", Transcript from Tom Stolper, October 28, 2003 (see Attachment H) ✓  |                    |
|   |                  | Internet Discussion Forum, "HSG: Even skeptics can lose objectivity", Transcript from Steve Menton, October 26, 2003 (see Attachment H) ✓   |                    |
|   |                  | Internet Discussion Forum, "HSG: Zimmerman's Insincere Questions", Transcript from Peter Zimmerman and Steve Menton, September 25, 2003 (see Attachment H) ✓  |                    |
|   |                  | Internet Discussion Forum, "Re: Re: Zero Electrostatic Self-Interaction Justified", Transcript from Peter Zimmerman, May 22, 2003 ✓<br><a href="http://groups.yahoo.com/group/hydrino/message/6052">http://groups.yahoo.com/group/hydrino/message/6052</a> (see Attachment H) |                    |
|   |                  | Internet Discussion Forum, "HSG: Re: Bool Review by Dr. John Farrell", Transcript from Peter Zimmerman, February 23, 2004 (see Attachment H) ✓  |                    |
|   |                  | "Regarding PZ's Departing Post", includes many public posts on hydrino study group. pp 1-75 (see Attachment I)  |                    |
|   |                  | PARK, "Perpetual Motion: Still Going Around", Special to the Washington Post, January 12, 2000, Page H03 (see Attachment J)   |                    |
|   |                  | Letter from Jeffrey S. Melcher to Ms. Esther Kepplinger with Attachments A-E, January 19, 2001 (see Attachment K) ✓   |                    |
|   |                  | PLATT, "Testing the Current", The Washington Post, June 25, 2000, Page X05 (see Attachment M) ✓   |                    |
| Examiner<br>Signature                             |                  |   | Date<br>Considered |

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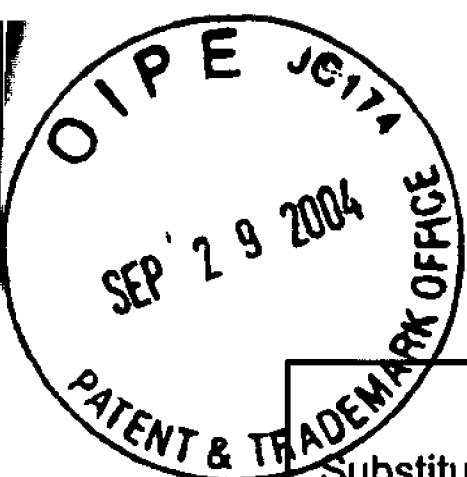


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|   |                  | USPTO Communication re Interview scheduled for February 21, 2003, February 12, 2001(see Attachment N)   |                |
|   |                  | Letter from Senator Ron Wyden to The Honorable Todd Q. Dickinson with attachments, April 5, 2000 (see Attachment O) ✓   |                |
|   |                  | Letter from Senator Robert G. Torricelli to Nicholas P. Godici with attachments, July 20, 2001(see Attachment O) ✓  |                |
|   |                  | Letter from Senator Jon S. Corzine to The Honorable Todd Q. Dickinson with attachments, August 2, 2001 (see Attachment O) ✓   |                |
|   |                  | Letter from Senator Max Cleland to Ms. Jane Cooksey with attachments, March 24, 2000 (see Attachment O) ✓   |                |
|   |                  | Letter from Senators Max Cleland and Ron Wyden to Chairman Patrick Leahy, December 20, 2001 (see Attachment O) ✓  |                |
|   |                  | Letter from Senators Max Cleland and Ron Wyden to The Honorable Donald L. Evans, December 20, 2001 (see Attachment O) ✓   |                |
|   |                  | Letter from Senators Jon S. Corzine and Robert G. Torricelli to The Honorable Donald L. Evans, December 21, 2001 (see Attachment O)   |                |
|   |                  | Email re Interview Summary from Jeffrey Simenauer to Ted Liu, February 13, 2003 (see Attachment P) ✓  |                |
|   |                  | "APS E-Board Pases Resolution on Perpetual Motion Machines", APS NEWS ONLINE, August/September 2002, <a href="http://www.eps.org/aps/apsnews/0802/080212.html">http://www.eps.org/aps/apsnews/0802/080212.html</a> (see Attachment Q)                           |                |
|   |                  | Letter from Elizabeth Barlow to John Allen, March 17, 2004 (see Attachment R)   |                |
|   |                  | Letters from John Allen to Office of Counsel, US Department of Commerce with attachments, May 12, 2003, June 7, 2003, and March 10, 2004 (see Attachment R)   |                |
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Substitute for form 1449B/PTO

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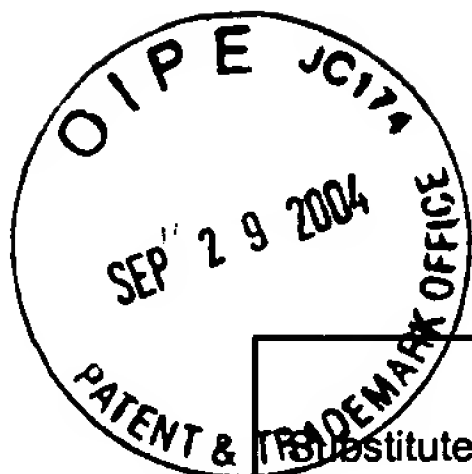
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|                       | 89               | R. Mills, P. C. Ray, R. M. Mayo, M. Nansteel, W. Good, P. Jansson, B. Dhandapani, J. He, "Hydrogen Plasmas Generated Using Certain Group I Catalysts Show Stationary Inverted Lyman Populations and Free-Free and Bound-Free Emission of Lower-Energy State Hydride," Technical Physics, submitted. Attachment 89 ✓ |                |
|                       | 88               | R. Mills, J. Sankar, A. Voigt, J. He, P. Ray, B. Dhandapani, "Role of Atomic Hydrogen Density and Energy in Low Power CVD Synthesis of Diamond Films," Thin Solid Films, in preparation. Attachment 88 ✓  |                |
|                       | 87               | R. Mills, B. Dhandapani, M. Nansteel, J. He, P. Ray, "Liquid-Nitrogen-Condensable Molecular Hydrogen Gas Isolated from a Catalytic Plasma Reaction," J. Phys. Chem. B, submitted. Attachment 87 ✓   |                |
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|   | 97               | R. L. Mills, P. Ray, B. Dhandapani, "Evidence of an Energy Transfer Reaction Between Atomic Hydrogen and Argon II or Helium II as the Source of Excessively Hot H Atoms in RF Plasmas," Contributions to Plasma Physics, submitted. (Web Publication Date: Sept. 26, 2003.) Attachment 97 ✓ |                |
|   | 96               | J. Phillips, C.K. Chen, R. L. Mills, "Evidence of the Production of Hot Hydrogen Atoms in RF Plasmas by Catalytic Reactions Between Hydrogen and Oxygen Species," J. Phys. D., submitted. (Web Publication Date: Sept. 12, 2003.) Attachment 96 ✓   |                |
|   | 95               | R. L. Mills, P. Ray, B. Dhandapani, "Excessive Balmer Line Broadening of Water-Vapor Capacitively-Coupled RF Discharge Plasmas" IEEE Transactions on Plasma Science, submitted. (Web Publication Date: Aug. 18, 2003.) Attachment 95 ✓  |                |
|   | 94               | R. L. Mills, "The Nature of the Chemical Bond Revisited and an Alternative Maxwellian Approach," Physics Essay 94, submitted. (Web Publication Date: Aug. 6, 2003.) Attachment 94 ✓   |                |
|   | 93               | R. L. Mills, P. Ray, M. Nansteel, J. He, X. Chen, A. Voigt, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction Forms a New State of Hydrogen," in preparation. Attachment 93 ✓   |                |
|   | 92               | R. L. Mills, P. Ray, M. Nansteel, J. He, X. Chen, A. Voigt, B. Dhandapani, Luca Gamberale, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," European Physical Journal D, submitted. (Web Publication Date: June 6, 2003.) Attachment 92 ✓                    |                |
|   | 91               | R. Mills, P. Ray, "New H I Laser Medium Based on Novel Energetic Plasma of Atomic Hydrogen and Certain Group I Catalysts," J. Plasma Physics, submitted. Attachment 91 ✓  |                |
|   | 90               | R. L. Mills, P. Ray, M. Nansteel, J. He, X. Chen, A. Voigt, B. Dhandapani, "Energetic Catalyst-Hydrogen Plasma Reaction as a Potential New Energy Source," Am. Chem. Soc. Div. Fuel Chem. Prepr., Vol. 48, No. 2, (2003). Attachment 90 ✓   |                |

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|   | 106                   | R. L. Mills, "Exact Classical Quantum Mechanical Solution for Atomic Helium which Predicts Conjugate Parameters from a Unique Solution for the First Time," Progress in Physics, submitted. ( <i>Web Publication Date: July 30, 2004.</i> ) ✓                   |                |
|   | 107                   | R. L. Mills, "Maxwell's Equations and QED: Which is Fact and Which is Fiction," Physica Scripta, submitted ( <i>Web Publication Date: August 6, 2004.</i> ) ✓   |                |
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